

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/IB 2004/003390

## A. CLASSIFICATION OF SUBJECT MATTER

**IPC7: H01R 13/03, H01R 39/20, H01R 41/00, C23C 30/00**  
 According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

**IPC7: C23C, H01R**

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

**SE,DK,FI,NO classes as above**

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

**EPO-INTERNAL, WPI**

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 03046247 A1 (ISBERG, PETER ET AL), 5 June 2003 (05.06.2003)  --	1-59
A	US 20020000598 A1 (SANG-BOM KANG ET AL), 3 January 2002 (03.01.2002), paragraphs 8-21  -- -----	1-56

 Further documents are listed in the continuation of Box C. See patent family annex.

- \* Special categories of cited documents:
- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier application or patent but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed
- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- "&" document member of the same patent family

Date of the actual completion of the international search

5 April 2005

Date of mailing of the international search report

19 -04- 2005

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**INTERNATIONAL SEARCH REPORT**  
Information on patent family members

01/03/2005

International application No.

PCT/IB 2004/003390

WO	03046247	A1	05/06/2003	AU	2002365543 A	00/00/0000
				EP	1448804 A	25/08/2004

US	20020000598	A1	03/01/2002	US	6590251 B	08/07/2003
				JP	2001217206 A	10/08/2001
				KR	198191 Y	02/10/2000
				KR	2001066730 A	11/07/2001
				TW	444278 B	00/00/0000
				US	6287965 B	11/09/2001